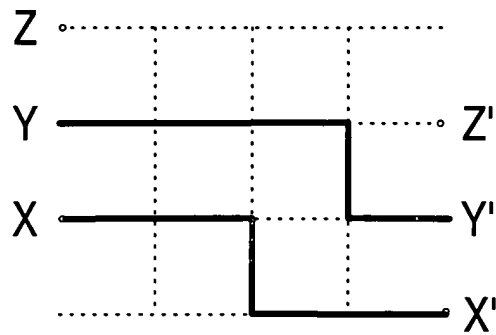
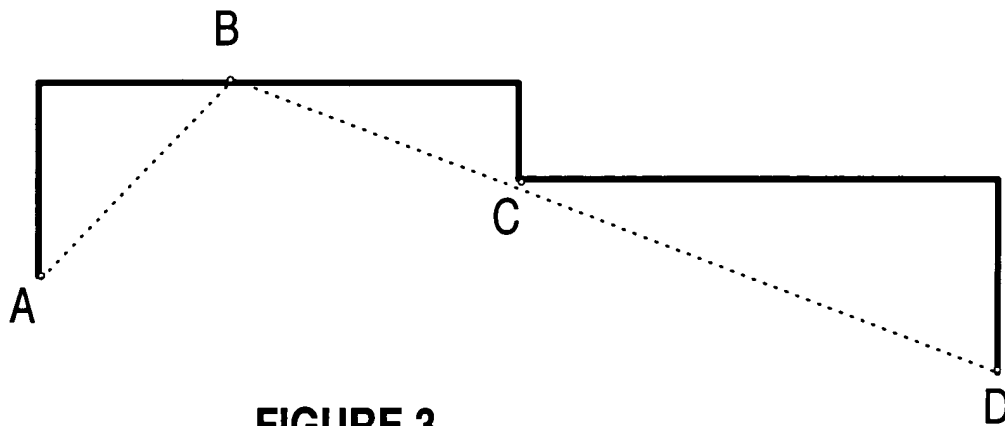


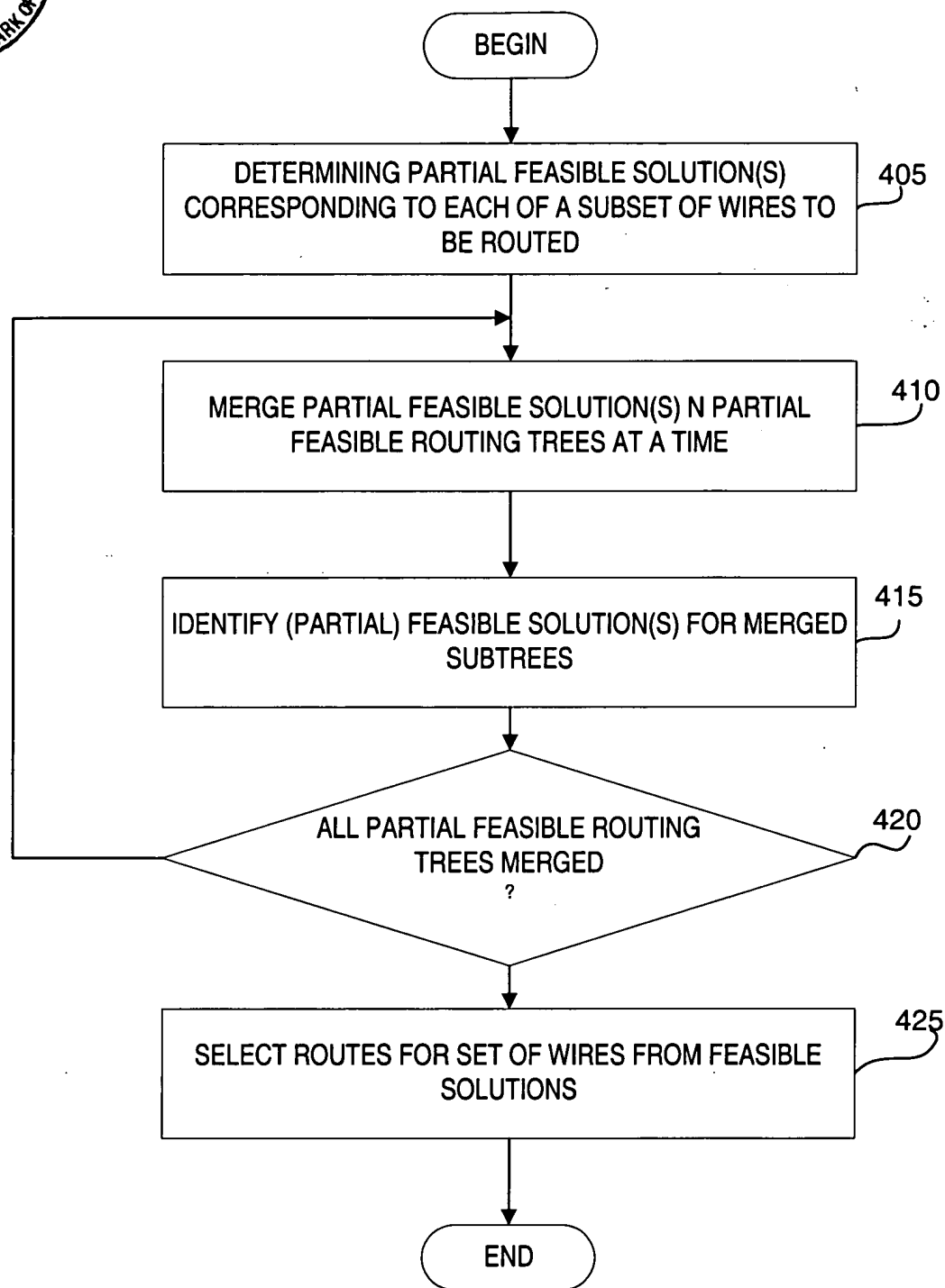
**FIGURE 1**  
(Prior Art)



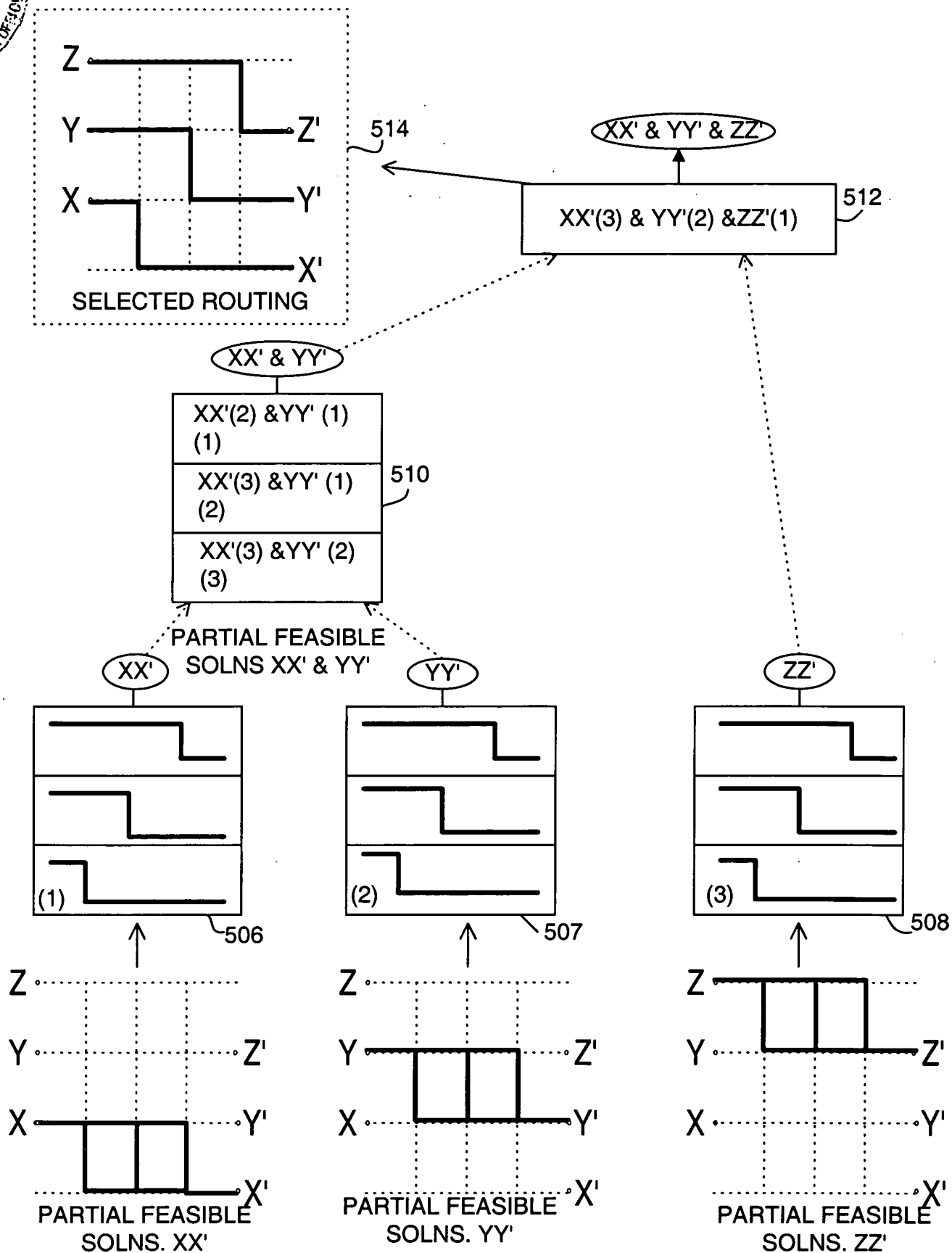
**FIGURE 2**  
(Prior Art)



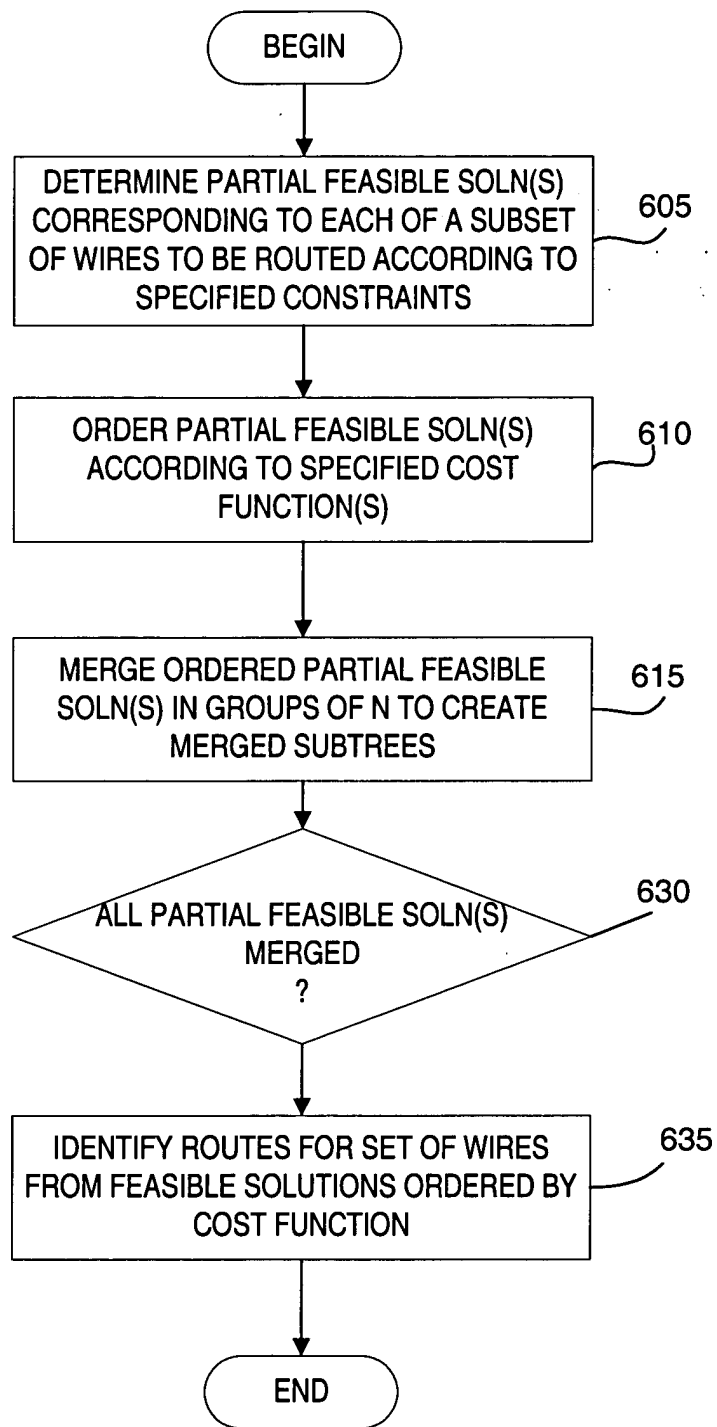
**FIGURE 3**  
(Prior Art)



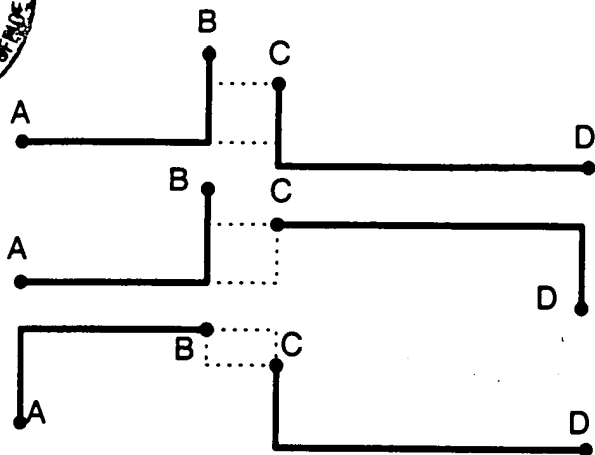
**FIGURE 4**



**FIGURE 5**

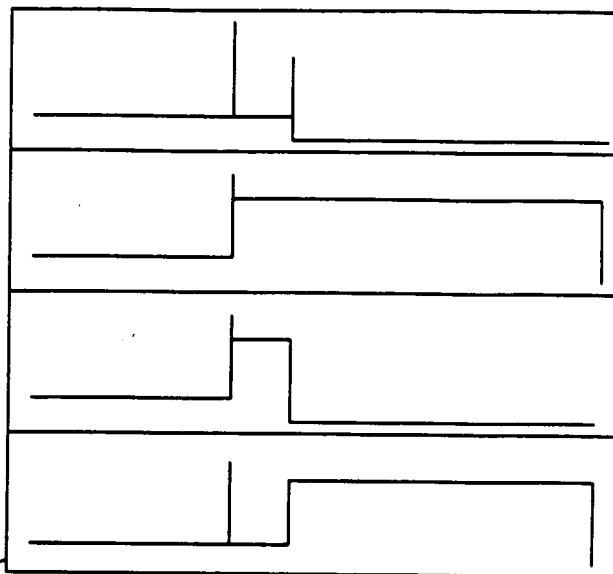


**FIGURE 6**



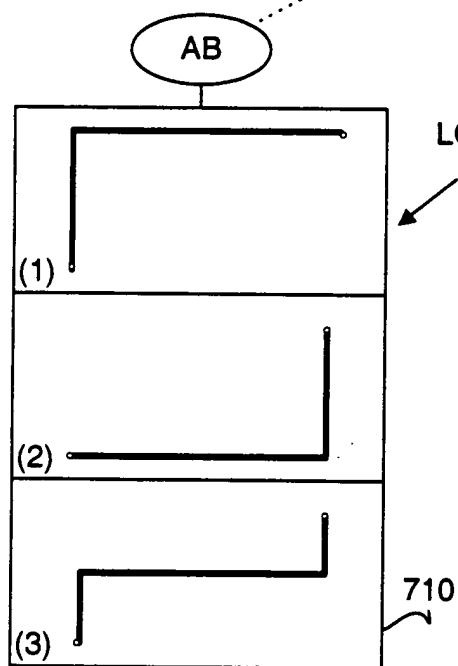
725  
 ↗  
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730

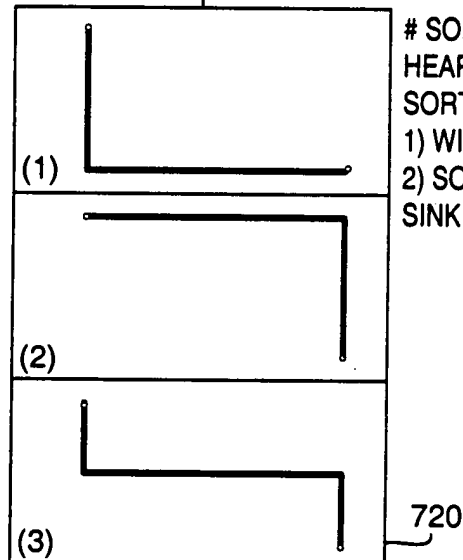


FEASIBLE SOLNS ABCD

# SOLNS = 2  
 HEAP DEPTH = 4  
 SORTED BY:  
 1) WIRE LENGTH  
 2) SOURCE TO SINK DELAY



LOWEST COST SOLUTION

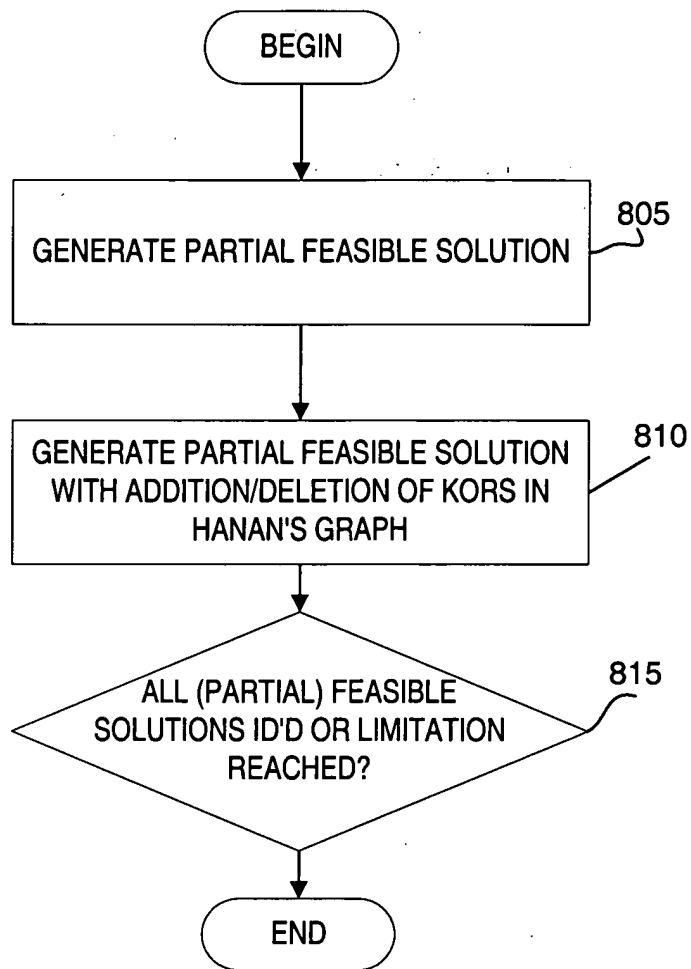


# SOLNS = 3  
 HEAP DEPTH = 3  
 SORTED BY:  
 1) WIRE LENGTH  
 2) SOURCE TO SINK DELAY

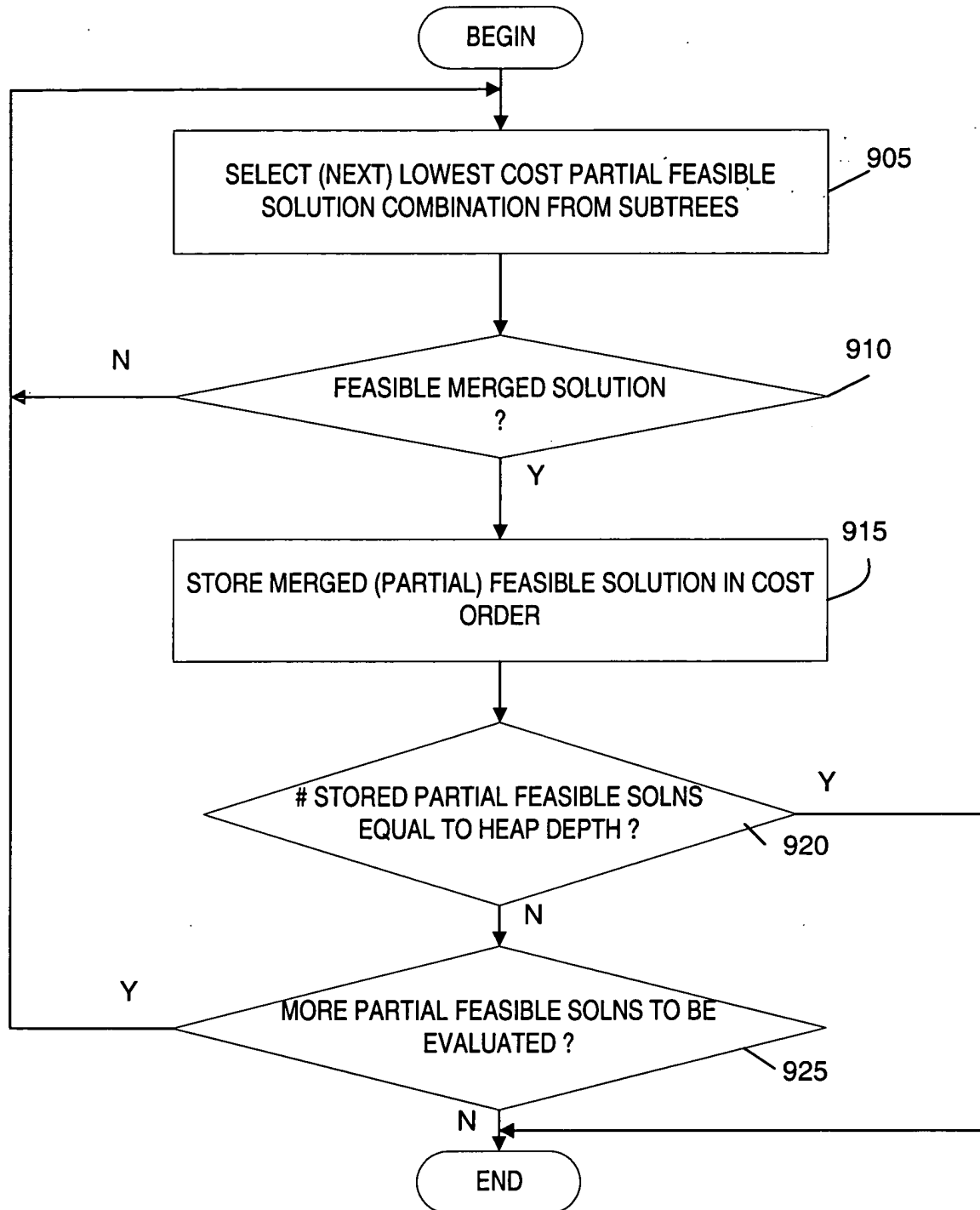
PARTIAL FEASIBLE  
 SOLNS. AB

PARTIAL FEASIBLE  
 SOLNS. CD

FIGURE 7



**FIGURE 8**



**FIGURE 9**

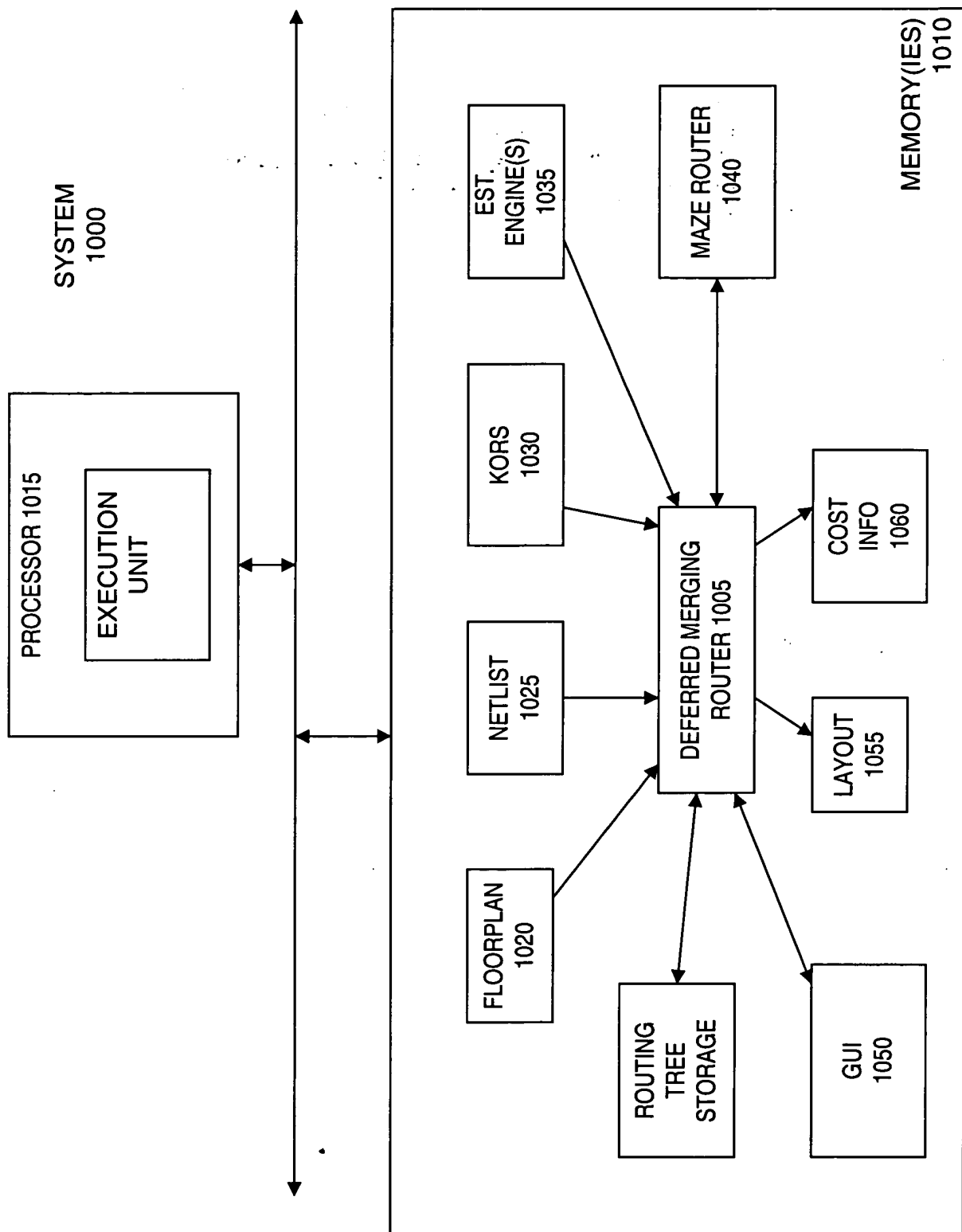


FIGURE 10